

**Requirements for B.S. Degree in Exercise Science  
Motor Development Emphasis**

1st Semester (Fall)			2nd Semester (Spring)		
* 0	ENGL 101 English Composition	3	* 0	ENGL 102 Composition & Literature	3
*	BIOL 101 Biological Principles I	4	*	BIOL 102 Biological Principles II	4
*	EXSC 191 Physical Activity and Health	3	*	CHEM 111 General Chemistry I	4
*	UNIV 101 Intro to University (EXSC)	3	*	MATH 122 or 141 Calculus	3-4
*	Elective (MATH 111, 112, 115, or 116)	2-4		PSYC 101 Intro to Psychology	3
<b>Total semester hours</b>		<b>16-17</b>	<b>Total semester hours</b>		<b>17-18</b>
3rd Semester (Fall)			4th Semester (Spring)		
* ~	EXSC 223 Anatomy & Physiology I	4	*	EXSC 224 Anatomy & Physiology II	4
0	ENGL Literature or SPCH 140 Public Comm	3	*	CHEM 112 or PHYS 202 & 202L	4
*	SOCY 101 Intro to Sociology	3		STAT 201 (or STAT 205) Statistics	3
*	PHYS 201 General Physics I	3		Fine Art	3
*	PHYS 201L General Physics I Lab	1		Selective	3
*	Selective	3			
<b>Total semester hours</b>		<b>17</b>	<b>Total semester hours</b>		<b>17</b>
5th Semester (Fall)			6th Semester (Spring)		
* +	EXSC 530 Phys Msc Act	3	* +	EXSC 351 Acq Motor Skills	3
* +	EXSC 530L Phys Msc Act Lab	1	* + #	EXSC 342 A Practicum (Requires placement into Upper Division)	2
*	EXSC 303 Perceptual Motor Develmnt (Requires placement into Upper Division)	4	* +	EXSC 531 Clinical Ex Phys	3
	CSCE 102 (or CSCE 101) Comp Science	3	* +	EXSC 531L Clinical Ex Phys Lab <i>(Required for students entering USC Spring 2012 or after)</i>	0
	Elective (**PEDU 300)	3	*	EXSC 535 Biomechanics <i>(Required for students entering USC Spring 2012 or after)</i>	3
	Foreign Language 109	3	*	EPID 410 Prin of Epidemiology <i>(Required for students entering USC Fall 2010 or after)</i>	3
<b>Total semester hours</b>		<b>17</b>		Foreign Language 110	3
7th Semester (Fall)			8th Semester (Spring)		
* + #	EXSC 342 B Practicum (Requires placement into Upper Division)	2	* +	EXSC 563 PA and Aging	3
	Social Science elective	3	* + #	EXSC 482 Practicum (Requires placement into Upper Division)	9
	HIST elective	3			
*	Selective	3			
	Elective	3			
	Elective	3			
<b>Total semester hours</b>		<b>17</b>	<b>Total semester hours</b>		<b>12</b>

\*\* PEDU 300 or HPEB 335: Student must take course or have First Aid & CPR Certification for graduation

# Requires completion of Health and Safety requirements before registering

\* Requires a grade of "C" or better

0 Non-english majors

~ EXSC 223 prerequisites: ENGL 101, ENGL 102, BIOL 101, BIOL102, CHEM 111, and MATH 122 or 141

+ Requires EXSC 224 as a prerequisite

**Students must have EXSC 303 and EXSC 342 before taking EXSC 482 and can take only one other 3 credit hour course while taking EXSC 482.**

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SELECTIVES		9 CREDITS
* +	EXSC 395	Research Seminar
* +	EXSC 410	Psychology of Physical Activity
* + #	EXSC 499	Independent Study
* +	EXSC 507	Exercise, Sport, and Nutrition
* +	EXSC 535	Biomechanics of Human Movement
* +	EXSC 541	Physiological Basis for Strength and Conditioning
* +	EXSC 620	Nutrition and Immunology
* +	EXSC 666	Cardiorespiratory Exercise Physiology
* +	EXSC 669	Skeletal Muscle Physiology: Form and Function
* +	EXSC 695	Writing and Presenting in Research

*	COMD 500	Introduction to Speech-Language Pathology and Audiology
*	COMD 501	Anatomy and Physiology of Speech and Hearing Mechanisms
*	COMD 507	Language Theory and Phonetics
*	COMD 560	Observation of Speech Language Pathology
*	COMD 526	Disorders of Articulation: Evaluation and Therapy
*	COMD 570	Introduction to Language Development
*	EDEX 523	Introduction to Exceptional Children
*	HPEB 502	Nutrition
*	PEDU 366	Therapeutic Modalities
*	PEDU 466	Therapeutic Exercise
*	PSYC 410	Abnormal Psychology
*	PSYC 420	Survey of Development Psychology
*	PSYC 460	Physiological Psychology
*	PSYC 510	Abnormal Behavior in Children
*	PSYC 521	Psychology of Adolescence
*	PSYC 523	Psychology of Aging
*	PSYC 528	Psychology of Children with Exceptionalities
*	PSYC 529	Specific Learning Disabilities of School Children
*	SOWK 304	Social Welfare Services for Families and the Aged

A student must earn a grade of "C" or higher in any course taken as a Selective.

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- ~ EXSC 223 prerequisites: ENGL 101, ENGL 102, BIOL 101, BIOL102, CHEM 111, and MATH 122 or 141
- + Requires EXSC 224 as a prerequisite